

$^{74}\text{Ni}$        $Z = 28$        $N = 46$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE = 624.042 (-0.222) MeV

Qbeta- = 7.336 ( 0.222) MeV

	Energy T	J+	J-	J-other	T1/2
74NI 1	0.000	0+			1 507.7 MS 46
74NI 2	1.024	2+			2 3.9 PS +21-10
74NI 3	1.763	(4+)			3

S-p = 17.996 (-0.367) -----  
 S-n = 6.633 (-0.222) -----  
 S-2p = 34.002 (-0.551) -----  
 S-2n = 10.587 (-0.222) -----  
 S-alpha = 14.186 (-0.357) -----

S+p = -13.089 (-0.222)  
 S+n = -3.633 (-0.316)  
 S+2p = -28.211 (-0.222)  
 S+2n = -9.646 (-0.376)  
 S+alpha = -11.238 (-0.222)

gap p = 4.907 ( 0.429)  
 gap n = 3.000 ( 0.386)  
 gap 2p = 5.791 ( 0.594)  
 gap 2n = 0.941 ( 0.437)  
 gap alpha = 2.948 ( 0.421)